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Attention: Examiner Judson Jones
Group Art Unit 2834

Facsimile: 703-308-7382

Diane Schwalger
Diane Schwalger

Date: May 21, 2002

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Amendment
YRob
5/23

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/851,922

Examiner: Judson Jones

Filing Date: May 10, 2001

Group Art Unit 2834

Inventor: Sakamoto

Attorney Docket: 134.137

Invention: *Magnetic Type Stepping Motor*

Customer No. 023907

AMENDMENT

Assistant Commissioner for Patents
Box Non-Fee Amendments
Washington, D.C. 20231

Sir:

In response to the Office Action mailed March 13, 2002, please amend the above-captioned patent application as follows.

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IN THE CLAIMS

MAY 21 2002

Please amend claim 1.

TECHNOLOGY CENTER 2800

1. A magnet type stepping motor comprising

(1) a stator having three-phase stator windings, and 6m pieces of stator main pole arranged side by side, where m is an integer and ≥ 1 , the stator windings of one phase being wound around a first stator main pole and every third stator main pole among the 6m pieces of the stator main pole, wherein when the stator windings of one phase are excited with a direct current, m pieces of N pole and m pieces of S pole are formed alternately on the 6m pieces of stator main pole, and

(2) a rotor of a cylindrical permanent magnet magnetized in the circumferential direction so as to form Z/2 pieces of N pole and Z/2 pieces of S pole alternately, where Z is the number of rotor poles.